

Converting Colors

CIELCh(69, 16.938, 225.466)

Have a look what the booklet for
CIELCh(69, 16.938, 225.466)
contains.

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Color

CIELCh(69, 16.945, 225.481)

Conversions

Conversions Part 1

Format	Color
Hex	82B0BE
RGB	130, 176, 190
RGB Percent	51%, 69%, 75%
CMY	0.4915, 0.3111, 0.2562
CMYK	0.32, 0.07, 0.00, 0.26
HSL	194°, 31%, 63%
HSV	194°, 32%, 74%
XYZ	33.8744, 39.3444, 54.3322
YIQ	163.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

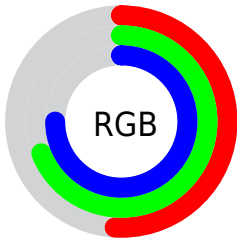
Format	Color
RYB	130, 156, 190
Decimal	8564926
CIELab	69.00, -11.88, -12.08
CIElCh	69, 16.945, 225.481
Yxy	39.3444, 0.2656, 0.3085
Android (android.graphics.Color)	4286755006 (0xFF82B0BE)
YUV	163.8420, 12.8959, -29.6794
Hunter-Lab	62.7251, -13.3709, -7.4492

Details

The CIELCh color **69, 16.945, 225.481** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 20.944, 42.615**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.789, 224.398**, and **49, 16.981, 227.244** is the 20% darker color. If you saturate the color by 10%, you get **67, 21.448, 226.620**, and if you desaturate by 10%, it is **71, 11.973, 224.621**.

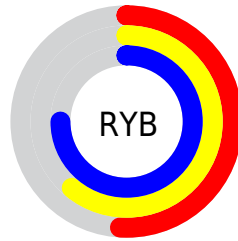
Distribution



Red (51%)

Green (69%)

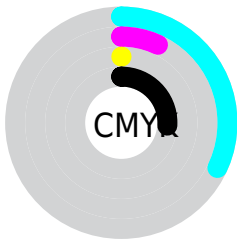
Blue (75%)



Red (51%)

Yellow (61%)

Blue (75%)

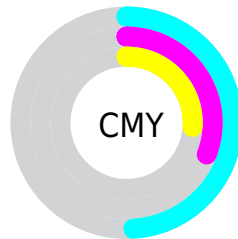


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (49%)


Magenta (31%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.945, 225.481 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 16.945, 225.481 by changing the saturation by 10% instead.


 69, 16.945,
225.481


 69, 16.945,
225.481


 100, 16.945,
225.481


 59, 16.945,
225.481


 89, 16.945,
225.481

 49, 16.945,
225.481

 99, 16.945,
225.481

 39, 16.945,
225.481

 29, 16.945,
225.481

 19, 16.945,
225.481

 9, 16.945, 225.481

 0, 16.945, 225.481

69, 16.945,
225.481

69, 16.945,
225.481

67, 21.448,
226.620

71, 11.973,
224.621

65, 25.405,
228.118

74, 6.616, 224.010

76, 0.950, 224.000

63, 28.750,
230.052

79, 4.957, 43.021

61, 31.447,
232.510

82, 11.045, 42.849

59, 33.508,
235.578

85, 17.264, 42.717

87, 20.846, 45.531

57, 35.010,
239.313

88, 20.473, 53.071

56, 36.021,
242.827

89, 20.473, 60.739

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 16.945, 225.481



64, 20.944, 42.615

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 16.945, 225.481



69, 16.945, 275.481



69, 16.945, 45.481



69, 16.945, 95.481

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 16.945, 225.477



94, 6.392, 223.898



72, 34.062, 148.680



50, 4.462, 223.962



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 16.945, 225.477



86, 24.596, 226.242



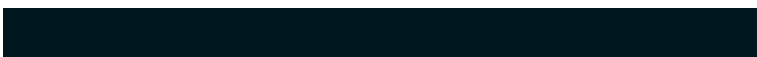
61, 24.651, 279.683



39, 3.229, 223.907



47, 31.391, 242.154



7, 9.468, 234.462

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 33.848, 333.819



75, 50.219, 334.329



71, 24.364, 90.985



37, 6.008, 332.281



35, 67.705, 340.074



3, 17.074, 336.025

Previews

White Background



This preview shows how the CIELCh color 69, 16.945, 225.481 looks on a white background.

Color Contrast Check

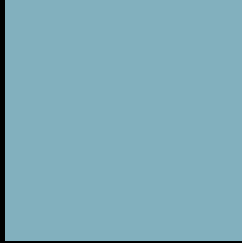
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 16.945, 225.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

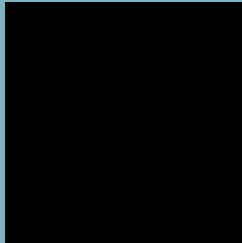
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.945, 225.481

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.945, 225.481.



This preview shows how white text looks on a background with the CIELCh color 69, 16.945, 225.481.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
69, 16.945, 225.481

Protanopia
69, 9.348, 288.908

Deuteranopia
69, 15.798, 303.459



Tritanopia
69, 16.945, 225.481

Trichromacy



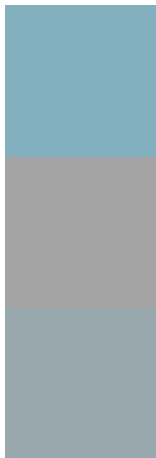
Original Color
69, 16.945, 225.481

Protanomaly
69, 10.505, 256.219

Deuteranomaly
69, 13.122, 274.368

Tritanomaly
69, 16.945, 225.481

Monochromacy



Original Color
69, 16.945, 225.481

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.390, 224.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.945, 225.481 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(130, 176, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 176, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.945, 225.481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 176, 190) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 176, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(130, 176,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.945, 225.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 176, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130,  
176, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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